

PACKAGED STATOR CORE AND METHOD FORMING THE SAME
ABSTRACT OF THE DISCLOSURE

A stator comprises a stator frame, a plurality of key bars connected to the stator frame and a stator core. Each of the key bars has a dovetail. The stator core is formed by a pre-packaged stator core section including laminations each having a dovetail slot for engaging a respective dovetail. The stator core also includes a manually stacked stator core section including manually stacked laminations each having a dovetail slot for engaging respective dovetails. The cross-sectional area of the dovetail slots in the pre-packaged stator core section is larger than the cross-sectional area of the dovetail slots of the manually stacked stator core section.